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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/027,623	12/19/2001	Bollapragada Manohar	2001P16145US	2953
28524	7590	05/31/2006	EXAMINER	
SIEMENS CORPORATION INTELLECTUAL PROPERTY DEPARTMENT 170 WOOD AVENUE SOUTH ISELIN, NJ 08830			GREY, CHRISTOPHER P	
			ART UNIT	PAPER NUMBER
			2616	

DATE MAILED: 05/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.		Applicant(s)	
	10/027,623		MANOHAR, BOLLAPRAGADA	
	Examiner		Art Unit	
	Christopher P. Grey		2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 December 2001.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bontempi et al. (US 20020150092), hereinafter referred to as Bontempi in view of Koo (EP 1137238).

Claim 1, 5, 9, 13 Bontempi discloses a serving GPRS support node dedicated to detect and register new GPRS mobile stations within its service area.

Bontempi discloses a gateway GPRS support node dedicated to interact with external networks and tunnel data (page 2 paragraph 0024).

Bontempi does not specifically disclose the port assignment module being adapted to sequentially assign a plurality of IP addresses to same TCP ports and the mapping module being adapted to maintain a mapping between a particular port, an IP address, and a mobile station during a connection between the mobile station and the packet network.

Koo discloses a network operator for assigning a plurality of IP addresses to same TCP ports (page 7 paragraph 0058 and see table 2). Table 2 shows IP addresses for terminal 1 and 10 assigned to the same port number 6.

Koo discloses a gatekeeper and memory for maintaining a mapping between a particular port, an IP address and a terminal during a connection between the mobile station and the packet network (page 7 paragraph 0058 and see table 2).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to combine within the SGSN as disclosed by Bontempi, a gatekeeper and memory for mapping IP addresses to their assigned ports as disclosed by Koo. Furthermore, it would have been obvious to one of

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the ordinary skill in the art at the time of the invention to combine within the GGAN as disclosed by Bontempi, the network operator for assigning IP addresses to a particular port as disclosed by Koo. The motivation for this combination is to assign particular ports dedicated to process HTTP, E-mail and FTP (paragraph 0058).

Claim 2, 3, 6, 7, 10, 11, 14, 15 Bontempi discloses a PDP activation request activation procedure, where PDP contexts (such as PDP type, IP address etc.) are created and stored in the SGSN and GGSN (paragraph 0024).

Claim 4, 12, 8, 16 Bontempi discloses a PDP activation request activation procedure, where in response a PDP context (such as PDP type, IP address etc.) is created and stored in the mobile station (paragraph 0024).

Response to Arguments

2. Applicant's arguments filed on 2/10/06 have been fully considered but they are not persuasive.

(a) The applicant argued that the cited art does not disclose the applicants recited, "the SGSN include a mapping module and the GGSN includes a port assignment module." (see Remarks page 6-7).

The examiner maintains that the same limitation is addressed within the rejection of claims 1, 5, 9 and 13, wherein Koo distinctly makes reference to a device dedicated for port assignment, equivalent to the port assignment module within the GGSN. Koo also discloses a device dedicated to keep a record of the mapping between a terminal, IP address and TCP ports, equivalent to the function performed by the mapping module within the SGSN (paragraph 0057-0058 and table 2). Claims 1, 5, 9 and 13 disclose port assignment and mapping modules, however do not recite any specific structure that differentiates these modules from the port assignment and mapping devices disclosed in Koo.

(b) The applicant argued that there is no analogue to the SGSN and its mapping module as disclosed on page 7 of the remarks.

In response, the examiner makes reference to the phrase 'adapted to' which appears several times within claims 1, 5 and 13. It has been held that the recitation that an element is "adapted to"

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perform a function is not a positive limitation but only requires the ability to so perform. The function contained after the words 'adapted to' does not constitute a limitation in any patentable sense and is considered optional. *In re Hutchison*, 69 USPQ 138

Conclusion

3. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher P. Grey whose telephone number is (571)272-3160. The examiner can normally be reached on 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau Nguyen can be reached on (571)272-3126. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Christopher Grey
Examiner
Art Unit 2616



May 25, 2006



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